

**ABSTRACT OF THE DISCLOSURE**

A three-part color developing kit includes (I) a first concentrated aqueous solution having a pH of from about 11 to about 13.5 and comprising at least 0.25 mol/l of sulfite ions, at least  $2.5 \times 10^{-5}$  mol/l of iodide ions, at least 0.05 mol/l of bromide ions, and at least 0.5 mol/l of a buffer having a pKa of from about 11 to about 13.5, (II) a second concentrated aqueous solution having a pH of from about 3 to about 6 and comprising at least 1 g/l of a vinyl pyrrolidone polymer, and at least 0.05 mol/l of an organic antioxidant, and a third concentrated aqueous solution having a pH of from about 1 to about 3 and comprising at least 0.05 mol/l of a color developing agent, and at least 0.005 mol/l of sulfite ions.